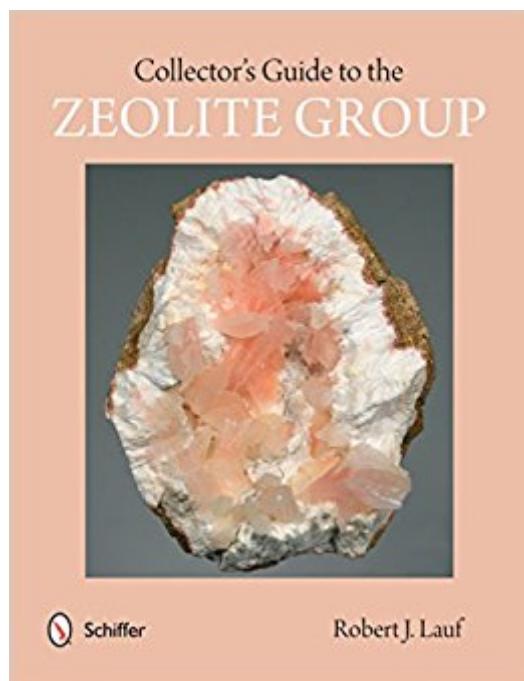


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Collector's Guide To The Zeolite Group (Schiffer Earth Science Monographs)



Synopsis

Among rock-forming minerals, the zeolite group is large and widespread, and is enormously important to industry. Zeolites form excellent crystals. The group is structurally complex and notable for its ability to exchange cations with surrounding solutions. Numerous diagrams help visualize important structural features that define various framework types. Over 200 photographs of these beautiful minerals show each species in its geological context. After a brief introduction, the general treatment of the subject begins with an explanation of the structural chemistry and taxonomy of the group. A section on their formation and geochemistry explains the kinds of environments where zeolites are formed. Then, an entry for each mineral series provides locality information and full-color photos wherever possible so that collectors can see what good specimens look like and which minerals one might expect to find in association with them. An extensive bibliography is provided for readers who wish to learn more about particular topics.

Book Information

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Customer Reviews

The author holds a Ph.D. in Metallurgical Engineering, and has conducted wide-ranging scientific research in fields ranging from nuclear fuel to microwave processing and biomimicry. He has been granted over forty U.S. Patents, and has written ten books on mineralogy for the collector.

I have found this book to be very useful in identifying zeolites in my collection.

Lots of good information and excellent photos.

I really like these books as they are really informative.

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